

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=1; day=23; hr=14; min=14; sec=5; ms=279;]

=====

Application No: 10594281

Version No: 1.0

Input Set:

Output Set:

Started: 2008-01-10 17:58:22.420

Finished: 2008-01-10 17:58:23.735

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 315 ms

Total Warnings: 9

Total Errors: 0

No. of SeqIDs Defined: 10

Actual SeqID Count: 10

| Error code | Error Description |
|------------|---|
| W 213 | Artificial or Unknown found in <213> in SEQ ID (2) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (3) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (4) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (5) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (6) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (7) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (8) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (9) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (10) |

SEQUENCE LISTING

<110> Sarissa Inc. et al.

<120> Antisense Oligonucleotides And Uses
Thereof In Improving Cancer Treatment Strategies

<130> 753-117PCT

<140> 10594281

<141> 2008-01-10

<150> N/A

<151> 2005-03-07

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1536)

<223> Sequence corresponding to human mRNA for
thymidylate synthase

<400> 1

```

ggggggggggg ggaccacttg gcctgcctcc gtcccgccgc gccacttggc ctgcctccgt 60
ccgcgcgcgc cacttcgcct gcctccgtcc ccgcgccgc gcgccatgcc tgtggccggc 120
tcggagctgc cgcgcgggcc cttgcccccc gccgcacagg agcgggacgc cgagccgcgt 180
ccgcgcgcgc gggagctgca gtacctgggg cagatccaac acatcctccg ctgcggcgctc 240
aggaaggacg accgcacggg caccggcacc ctgtcgggat tcggcatgca ggcgcgctac 300
agcctgagag atgaattccc tctgctgaca accaaacgtg tgttctggaa ggggtgtttg 360
gaggagtgc tgtggtttat caagggatcc acaaatgcta aagagctgtc ttccaaggga 420
gtgaaaatct gggatgccaa tggatcccga gactttttgg acagcctggg attctccacc 480
agagaagaag gggacttggg ccagttttat ggcttcagat ggaggcattt tggggcagaa 540
tacagagata tggaatcaga ttattcagga cagggagttg accaactgca aagagtgatt 600
gacaccatca aaaccaaccc tgacgacaga agaatcatca tgtgcgcttg gaatccaaga 660
gatcttcctc tgatggcgct gcctccatgc catgccctct gccagttcta tgtggtgaac 720
agtgagctgt cctgccagct gtaccagaga tcgggagaca tgggcctcgg tgtgcctttc 780
aacatcgcca gctacgccct gctcacgtac atgattgcgc acatcacggg cctgaagcca 840
ggtgacttta tacacacttt gggagatgca catatttacc tgaatcacat cgagccactg 900
aaaattcagc ttcagcgaga acccagacct ttcccaaagc tcaggattct tcgaaaagtt 960
gagaaaattg atgacttcaa agctgaagac tttcagattg aagggtacaa tccgcatcca 1020
actattaaaa tggaaatggc tgtttagggt gctttcaaag gagcttgaag gatattgtca 1080
gtctttagggt gttgggctgg atgccgaggt aaaagtctt tttgctctaa aagaaaaagg 1140
aactaggtca aaaatctgtc cgtgacctat cagttattaa tttttaagga tgttgccact 1200
ggcaaatgta actgtgccag ttctttccat aataaaaggc tttgagttaa ctactgagg 1260
gtatctgaca atgctgaggt tatgaacaaa gtgaggagaa tgaaatgtat gtgctcttag 1320
caaaaacatg tatgtgcatt tcaatccac gtacttataa agaaggttgg tgaatttcac 1380
aagctatttt tggaatatth ttagaatatt ttaagaattt cacaagctat tcctcaaatt 1440

```

ctgagggagc tgagtaacac catcgatcat gatgtagagt gtggttatga actttatagt 1500
tgttttatat gttgctataa taaagaagtg ttctgc 1536

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 2
gccagtggca acatccttaa 20

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 3
ttggatgcgg attgtaccct 20

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 4
actcagctcc ctcagatttg 20

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 5
ccagcccaac ccctaaagac 20

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 6

ggcatcccag attttcactc

20

<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 7

agcatttgat gatcccttga

20

<210> 8

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Scrambled control oligonucleotide

<400> 8

atgcgccaac ggcttcctaaa

20

<210> 9

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Scrambled control oligonucleotide

<400> 9

cggcacgccc ataggcggcg

20

<210> 10

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense oligonucleotide against human
thymidylate synthase mRNA

<400> 10

gccggccaca ggcatggcgc

20